

Nandan Kumar Mondal

List of Publications by Year in descending order

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41
papers

935
citations

430874

18
h-index

454955

30
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42
all docs

42
docs citations

42
times ranked

1250
citing authors

#	ARTICLE	IF	CITATIONS
1	Paradoxical Effect of Nonphysiological Shear Stress on Platelets and von Willebrand Factor. <i>Artificial Organs</i> , 2016, 40, 659-668.	1.9	81
2	Neutrophilic Inflammatory Response and Oxidative Stress in Premenopausal Women Chronically Exposed to Indoor Air Pollution from Biomass Burning. <i>Inflammation</i> , 2012, 35, 671-683.	3.8	75
3	Activation and shedding of platelet glycoprotein IIb/IIIa under non-physiological shear stress. <i>Molecular and Cellular Biochemistry</i> , 2015, 409, 93-101.	3.1	64
4	Shear-induced platelet receptor shedding by non-physiological high shear stress with short exposure time: Glycoprotein I β and glycoprotein VI. <i>Thrombosis Research</i> , 2015, 135, 692-698.	1.7	58
5	Quantification of Shear-Induced Platelet Activation: High Shear Stresses for Short Exposure Time. <i>Artificial Organs</i> , 2015, 39, 576-583.	1.9	57
6	Micronucleus formation, DNA damage and repair in premenopausal women chronically exposed to high level of indoor air pollution from biomass fuel use in rural India. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 697, 47-54.	1.7	55
7	High shear induces platelet dysfunction leading to enhanced thrombotic propensity and diminished hemostatic capacity. <i>Platelets</i> , 2019, 30, 112-119.	2.3	55
8	Tetrahydrocurcumin epigenetically mitigates mitochondrial dysfunction in brain vasculature during ischemic stroke. <i>Neurochemistry International</i> , 2019, 122, 120-138.	3.8	54
9	Platelet glycoprotein I β ectodomain shedding and non-surgical bleeding in heart failure patients supported by continuous-flow left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 71-79.	0.6	43
10	Oxidative Stress, DNA Damage and Repair in Heart Failure Patients after Implantation of Continuous Flow Left Ventricular Assist Devices. <i>International Journal of Medical Sciences</i> , 2013, 10, 883-893.	2.5	36
11	Assessment of DNA damage by comet assay and fast halo assay in buccal epithelial cells of Indian women chronically exposed to biomass smoke. <i>International Journal of Hygiene and Environmental Health</i> , 2011, 214, 311-318.	4.3	34
12	Inflammation, oxidative stress, and higher expression levels of Nrf2 and NQO1 proteins in the airways of women chronically exposed to biomass fuel smoke. <i>Molecular and Cellular Biochemistry</i> , 2018, 447, 63-76.	3.1	31
13	Exercise Mitigates Alcohol Induced Endoplasmic Reticulum Stress Mediated Cognitive Impairment through ATF6-Herp Signaling. <i>Scientific Reports</i> , 2018, 8, 5158.	3.3	29
14	Systemic Inflammatory Response Syndrome in End-Stage Heart Failure Patients Following Continuous-Flow Left Ventricular Assist Device Implantation: Differences in Plasma Redox Status and Leukocyte Activation. <i>Artificial Organs</i> , 2016, 40, 434-443.	1.9	27
15	Mechanistic insight of platelet apoptosis leading to non-surgical bleeding among heart failure patients supported by continuous-flow left ventricular assist devices. <i>Molecular and Cellular Biochemistry</i> , 2017, 433, 125-137.	3.1	23
16	Activation of protein kinase B (PKB/Akt) and risk of lung cancer among rural women in India who cook with biomass fuel. <i>Toxicology and Applied Pharmacology</i> , 2012, 259, 45-53.	2.8	19
17	Intraplatelet reactive oxygen species, mitochondrial damage and platelet apoptosis augment non-surgical bleeding in heart failure patients supported by continuous-flow left ventricular assist device. <i>Platelets</i> , 2015, 26, 536-544.	2.3	19
18	Oxidative stress induced modulation of platelet integrin α 2 β 1 expression and shedding may predict the risk of major bleeding in heart failure patients supported by continuous flow left ventricular assist devices. <i>Thrombosis Research</i> , 2017, 158, 140-148.	1.7	19

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19	Comparison of Intraplatelet Reactive Oxygen Species, Mitochondrial Damage, and Platelet Apoptosis After Implantation of Three Continuous Flow Left Ventricular Assist Devices. <i>ASAIO Journal</i> , 2015, 61, 244-252.	1.6	18
20	Infection, Oxidative Stress, and Changes in Circulating Regulatory T Cells of Heart Failure Patients Supported by Continuous-Flow Ventricular Assist Devices. <i>ASAIO Journal</i> , 2017, 63, 128-133.	1.6	16
21	Gestational Diabetes Mellitus in a Tertiary Care Hospital of Kolkata, India: Prevalence, Pathogenesis and Potential Disease Biomarkers. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 216-223.	1.2	14
22	Micronucleus formation and DNA damage in buccal epithelial cells of Indian street boys addicted to gasp "Golden glue"™. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 721, 178-183.	1.7	13
23	Association of Oxidative Stress and Platelet Receptor Glycoprotein GPIb \pm and GPVI Shedding During Nonsurgical Bleeding in Heart Failure Patients With Continuous-Flow Left Ventricular Assist Device Support. <i>ASAIO Journal</i> , 2018, 64, 462-471.	1.6	13
24	Increased risk of cardiovascular disease in premenopausal female ragpickers of Eastern India: involvement of inflammation, oxidative stress, and platelet hyperactivity. <i>Molecular and Cellular Biochemistry</i> , 2016, 419, 193-203.	3.1	12
25	Indoor Air Pollution from Biomass Burning Activates Akt in Airway Cells and Peripheral Blood Lymphocytes. <i>Toxicologic Pathology</i> , 2010, 38, 1085-1098.	1.8	11
26	Higher AgNOR Expression in Metaplastic and Dysplastic Airway Epithelial Cells Predicts the Risk of Developing Lung Cancer in Women Chronically Exposed to Biomass Smoke. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2015, 34, 35-51.	1.2	11
27	Systemic Inflammatory Response Syndrome After Contentious-Flow Left Ventricular Assist Device Implantation and Change in Platelet Mitochondrial Membrane Potential. <i>Journal of Cardiac Failure</i> , 2015, 21, 564-571.	1.7	10
28	Effect of Indoor Air Pollution from Biomass Fuel Use on Argyrophilic Nuclear Organizer Regions in Buccal Epithelial Cells. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2009, 28, 253-259.	1.2	9
29	Quantitative analysis of AgNOR proteins in buccal epithelial cells of Indian street boys addicted to gasp "golden glue"™. <i>Experimental and Toxicologic Pathology</i> , 2011, 63, 677-681.	2.1	8
30	Management of Antiplatelet Therapy During Continuous-Flow Left Ventricular Assist Device Support After Thrombotic Hemorrhagic Events. <i>ASAIO Journal</i> , 2019, 65, 683-689.	1.6	5
31	Commercial Glue Sniffing and Child Health: Indian Street Children are at a Risk. <i>Journal of Biosafety & Health Education</i> , 2013, 01, .	0.1	5
32	Upregulation of AgNOR expression in epithelial cells and neutrophils in the airways and leukocytes in peripheral blood of women chronically exposed to biomass smoke. , 2011, 33, 50-9.		3
33	A Simpler, Cheaper and Quicker Method to Study Somatic Chromosomes from Goat, <i>Capra hircus</i> (L.). <i>Cytologia</i> , 2007, 72, 419-425.	0.6	2
34	Alteration in Leukocyte Subsets and Expressions of Fc γ 3R and Complement Receptors among Female Ragpickers in Eastern India. <i>Safety and Health at Work</i> , 2017, 8, 198-205.	0.6	2
35	Municipal Solid Waste Exposure and Health Concern: Indian Women are at Risk. <i>Journal of Health Education Research & Development</i> , 2016, 4, .	0.1	1
36	Systemic Inflammatory Response Syndrome after Contentious-Flow Left Ventricular Assist Device Implantation: Change in Platelet Mitochondrial Membrane Potential. <i>Journal of Cardiac Failure</i> , 2014, 20, S89.	1.7	0

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37	Commentary: Improving ventricular assist device design. Much achieved with further innovation on the horizon. JTCVS Open, 2020, 3, 152-153.	0.5	0
38	Biomass Smoke and Rural Health: Indian Women are at Risk. Journal of Biosafety & Health Education, 2014, 02, .	0.1	0
39	Probiotic Treatment Induces Neuroprotection in Hyperhomocysteinemia Mice after Ischemic Stroke. FASEB Journal, 2018, 32, 921.7.	0.5	0
40	Mechanism of Mitochondrial Dysfunction in Brain Vasculature during Ischemic Stroke: Role of Tetrahydrocurcumin. FASEB Journal, 2018, 32, 711.16.	0.5	0
41	Gut Microbiome Manipulation Promotes Bone Anabolism via Regulatory T Cell Differentiation in Obese Mice. FASEB Journal, 2018, 32, 924.5.	0.5	0